

## PLEASE READ AND FOLLOW ALL WARNINGS

## AIR TOOLS

FP 747

3/8" Pistol Impact

### Read Operating Instructions

Always become familiar with all the instructions and warnings before operating any power tool.

### Always Wear Approved Eye Protection

Impact resistant eye protection should meet or exceed the standards as set forth in the United States ANSI Z87.1, Occupational and Educational Eye and Face Protection. Look for the marking Z87.1 on your eye protection to insure that it is an approved style. For further information, ANSI Z87.1, Occupational and Educational Eye and Face Protection, is available from the American National Standards Institute, Inc., 11 West 42nd Street, New York, NY 10036.

### Hearing Protection is Recommended

Hearing protection should be used when the noise level exposure equals or exceeds an 8 hour time-weighted average sound level of 85 dBA. Process noise, reflective surfaces, other tools being operated nearby, all add to the noise level present in your work area. If you are unable to determine your noise level exposure, we recommend the use of hearing protection.

### Avoid Prolonged Exposure to Vibration

Tools can vibrate during use. Prolonged exposure to vibration or very repetitive hand and arm movements, can cause injury. Stop using any tool if discomfort, tingling feeling or pain occurs. You should consult your physician before resuming use of the tool.

### 90 PSIG Maximum

This tool is designed to operate at

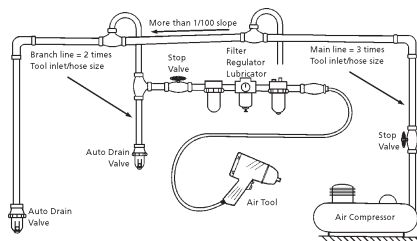
an air pressure of 90 pounds per square inch gauge pressure (90 PSIG) maximum, at the tool. Use of higher air pressure can, and may cause injury. Also, the use of higher air pressure places the internal components under loads and stresses they were not designed for, causing premature failure. The air supply should be clean and dry, preferably lubricated. For best results, drain the moisture from your compressor daily.

### WARNING:

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to cause cancer, birth defects or reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints
- Crystalline silica from bricks, cement and other masonry products
- Arsenic and chromium from chemically treated lumber

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area and work with approved safety equipment such as those dust masks that are specially designed to filter out microscopic particles.



### Description

Florida Pneumatic 3/8" pistol impact wrench is used in applications requiring a compact tool. This tool features a built in power regulator for convenient power output adjustment, rubber housing cover to prevent damage to the housing when working in close quarters and easy to use pistol throttle.



### Safety Instructions

The following instructions are furnished as general guidelines for use of your pneumatic tool. They cannot comprehensively cover all possible or conceivable uses of the subject tool. For additional information on the safe use of air tools, we advise you to obtain a copy of ANSI B186.1 Safety Code for Portable Air Tools, available from the following source:

American National Standards Institute, Inc.  
11 West 42nd Street  
New York, NY 10036.

The use of the word "shall" in the following instructions, indicates that adherence to the particular requirement is necessary to conform to ANSI B186.1.

### Tool Application and Usage

Portable tools shall be used only for the purposes intended in their design and within the capacity for which they were intended and rated. It shall be the tool owner's and/or employer's responsibility to instruct each operator in the safe use of the tool. Tools shall not be used without guards and safety

devices as furnished by the manufacturer. Where an air tool is modified or altered, the modifier shall provide the safeguards to enable it to be safely used in the operations intended and to comply with any applicable provisions as contained in ANSI B186.1.

### Tool Installation

Pressure regulators shall be used to limit air pressure to the rated pressure where the supply pressure exceeds the tool's rated pressure. Air hoses and lines shall be relieved of compressed air before being disconnected or disjointed, unless there is automatic valve closing protection at the joint being separated. Synthetic lubricants which can cause deterioration of elastomer seals shall not be used in air systems of air tools.

### Tool Maintenance

It shall be the tool owner's and/or employer's responsibility to assure that tools are maintained in a safe operating condition. Tool maintenance and repair shall be performed by authorized, trained, competent personnel. Tools shall be disconnected from their compressed air supply before repairs are attempted. Repairs shall be consistent with the manufacturer's recommended procedures. Tool, hoses and fittings shall be replaced if unsuitable for safe operation. It shall be the tool owner's and/or employer's responsibility to keep required rating markings and warnings on the tool in legible condition.

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*Read these instructions carefully before attempting to install, operate or service this Florida Pneumatic product. Failure to comply with the instructions could result in personal injury and/or property damage! Retain these instructions for future reference.*

FPMC



FP 747

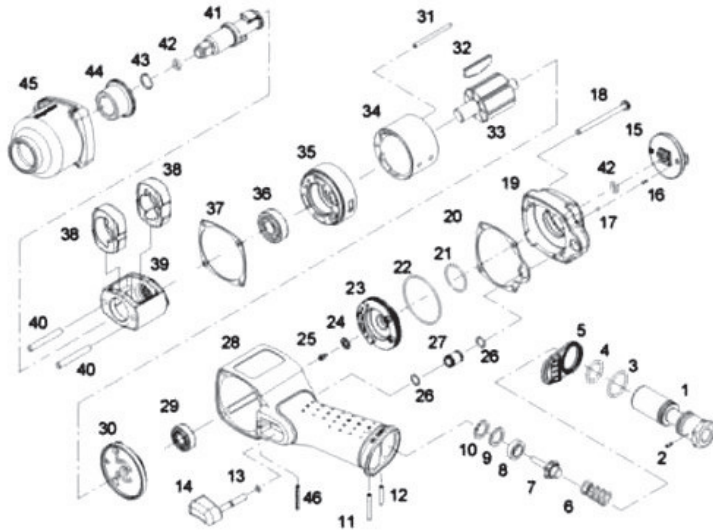
3/8" Pistol Impact

Drive size.....3/8"  
Free speed (No load).....12,000 RPM  
Impacts per minute.....1,750 IPM  
Torque range.....275 Ft. Lbs. @ 90 psi  
Bolt Capacity.....5/8"  
Weight.....2.6 lbs.  
Overall length.....6.0"  
Average air consumption.....4 CFM  
Recommended hose size.....3/8" I.D.  
Air inlet.....1/4" NPT  
Maximum operating pressure.....90 psi

#### Parts Breakdown for FP 747

##### USE ONLY IMPACT SOCKETS & ACCESSORIES

Sockets and accessories used shall be of the impact socket type. Always check sockets, retainers and drives regularly for wear or damage and replace whenever necessary



FP 747

3/8" Pistol Impact

#### Replacement Parts for FP 747

Ref.	Description	Part #	Ref.	Description	Part #
1	Air Inlet	9287605	24	Lock Washer	9287628
2	Dowel Pin	9287606	25	Screw	9287629
3	O-Ring	9287607	26	O-Ring (2)	9287630
4	O-Ring	9287608	27	Connecting Pipe	9287631
5	Deflector	9287609	28	Composite Motor Housing	9287632
6	Spring	9287610	29	Ball Bearing	9287633
7	Valve Stem	9287611	30	End Plate	9287634
8	Valve Seat	9287612	31	Guide Pin	9287635
9	Washer	9287613	32	Blade (6)	9287636
10	Retainer Ring	9287614	33	Rotor	9287637
11	Spring Pin	9287615	34	Cylinder	9287638
12	Spring Pin	9287616	35	Front Plate	9287639
13	O-Ring	9287617	36	Ball Bearing	9287640
14	Trigger	9287618	37	Gasket	9287641
15	Power Management Knob	9287619	38	Hammer (2)	9287642
16	Spring	9287620	39	Hammer Cage	9287643
17	Steel Ball	9287621	40	Hammer Pin (2)	9287644
18	Bolt (4)	9287622	41	Anvil	9287645
19	End Cover	9287623	42	O-Ring (2)	9287646
20	Gasket	9287624	43	Socket Retainer	9287647
21	O-Ring	9287625	44	Bushing	9287648
22	O-Ring	9287626	45	Hammer Case Magnesium	9287649
23	Valve Body	9287627	46	Spring Pin	9287650

#### Limited Warranty

Florida Pneumatic warrants its tools to be free from defects in material and workmanship for two years from the date of purchase. This warranty does not apply to tools which have been abused, misused, modified or repaired by someone other than Florida Pneumatic or its authorized service centers. If a Florida Pneumatic proves defective in material or workmanship within two years after purchase, return it to any authorized service center or to Florida Pneumatic, freight prepaid. Please enclose your name, address and adequate proof of purchase date with a brief description of the defect. Florida Pneumatic will, at its option, repair or replace defective tools, free of charge. Repairs or replacements are warranted as described above for the remainder of the warranty period. Florida Pneumatic's sole liability and your exclusive remedy under this warranty is limited to repair or replacement of the defective tool. There are no other warranties expressed or implied and Florida Pneumatic shall not be liable for incidental, consequential or special damages, or any other damages, costs or expense of repair or replacement as described above.